

中国鳞毛蕨科两新种

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TWO NEW SPECIES OF DRYOPTERIDACEAE IN CHINA

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〔提要〕 本文发表了鳞毛蕨科两新种, 即川滇假复叶耳蕨 *Acrorumohra dissecta* Ching ex Y. T. Hsieh 与全缘玉龙蕨 *Sorolepidium integrilobum* Ching ex Y. T. Hsieh

川滇假复叶耳蕨 新种 图1

Acrorumohra dissecta Ching ex Y. T. Hsieh, sp. nov. plate I. Species habitu *A. hassettii* (Bl.) Ching similis, differt lamina quadripinnata; pinnis longi-acuminatis, pinnulis ultimis vel segmentis triangulari-serratis. Indusiis.

Planta ad 50cm alta. Rhizoma breve, obliquum, apice stipitisque basi dense paleis fuscis lanceolatis (5 mm longis). Frondes caespitosae. Stipes 24—26cm longus, stramineous, sursum ad rachem paulo paleis. Laminae trianguli-lanceolatae, 28—30cm longae, basi ca. 24cm latae, apiculae pinnatifidae, basi non angustate, quadripinnatae; pinnae ca. 10-jugae, basaleae oppositae, sursum alternae, petiolatae (ca. 1cm longae), dilute oblique patentes, dense proximae, rachibus pinnarum paulo declinatis, basales majores, triangulari-lanceolatae, 13cm longae, 7cm latae, longo-acuminatae, basi asymmetricae, rotundato-cuneatae, tripinnatae. Pinnulae ca. 12-jugae, alternae, anadromae, petiolatae, subpatentae, inferiores superioribus majores, infrabasales majores, oblongo-lanceolatae, 4.5cm longae, 2.2cm latae acuminatae, basi asymmetricae, late cuneatae, bipinnatae. Secondary pinnulae, 1.5cm longae, ca. 8mm latae, apice obtusae, pinnatae. Pinnulae ultimae superiore grosse serratae 3—5, inferiore integrae; secundis basalibus conformibus sed minoribus, alternabus, sursum sensim abbreviatis. Venae in pinnulis ultimis pinnatae, venulis simplicibus, subtus visibilibus. Pagina frondis textura in sicco herbacea, virida, utrinque glabra. Rachis pinnarum

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subtus dilute paleis fuscis linealibus. Sori globosi, in apice venularum terminantes, 1-2-jugi pro pinnula; indusiis brunneis rotundato-reniformibus, integris, demum delapsis.

Sichuan: Junlian Xian, Laoxiagou, in sylvis. alt. 950—1750m.

Yunnan: Suijiang Xian, H. T. Tsai (蔡希陶) 2630 (type in PE).

本新种形体近草质假复叶耳蕨 *A. hassettii* (Bl.) Ching, 不同处在于叶为四回羽状, 羽片长渐尖头, 末回小羽片或裂片具有三角锯齿, 有囊群盖。

四川: 筠连县, 老狭沟。生山谷林下, 海拔950—1750米。

云南: 绥江县。

全缘玉龙蕨 新种 图2

Sorolepidium integrilobum Ching ex Y. T. Hsieh, sp. nov. plate 2.

Species *S. glaucum* Christ proxime affinis, a qua differt paleis brunneolis secus stipitem rachemque late lanceolatis, apice fibrosis, non ovatis, pinnis ovato-oblongis, acutis, basi pinnatifidis, sursum pinnatilobatis, segmentis integris, sed non oblongis, rotundato-acutis, integris, vel dilute pinnatilobatis, distinguibilibus.

Planta ca. 21cm alta. Rhizoma breve, erectum, apice cum stipitis costisque dense paleis; paleis brunneolis late lanceolatis, apice fibrosis, margine ciliatis, tenuibus. Frondis caespitosae. Stipes 6cm longus, basi ca. 2.5mm crassus, fuscus, dilute nitidus, sursum brunneo-stramineus, a ventre sulcis 2 latis profundis in longitudinem exaratum, intromissis in rachem. Laminae lineari-lanceolatae, 15cm longae, ca. 2.5cm latae, pinnatae. Pinnae ca. 21-jugae, alternae, fere sessiles, paulo oblique patentibus, approximatae, ovato-oblongae, 1.5cm longae, ca. 7cm latae, acutae, basi subsymmetricae, rotundato-cuneatae, basi profunde pinnatifidae, segmentis longo-ovatis, 3mm longis, 2mm latis, integris, supra basem pinnatilobatis, 2-3-jugis segmentis subrotundatis vel triangularibus. Venae pinnatae, utrinque ignotae. Pagina frondis textura crasso-coriacea, rachibus pinnarum costisque dense paleis brunneolis lanceolatis, apice fibrosis parvis. Sori globosi, in apice venularum terminantes, inter costas et marginem laminarum 2-3-jugi pro pinna; exindusiis, saepe paleis obtecti, ignoti.

Yunnan: Lijiang Xian, Yulong Shan. in fissuris saxosis. alt. 3200—3600m. W. M. Chu (朱维明) 810(2) (type in PE); eodem loco, Xue Shan, Baimuhe K.M. Feng (冯国楣) 9997. alt. 2900m.

本新种似玉龙蕨 *S. glaucum* Christ, 不同处在于鳞片为淡棕色, 叶柄和叶轴上的鳞片为阔披针形, 先端纤维状, 而不为卵形; 羽片为卵状长圆形, 急尖头, 基部为羽状深裂, 向上为浅裂, 裂片全缘, 而不为长圆形, 圆头, 全缘或浅裂, 可以区别。

云南: 丽江县, 玉龙山, 雪山。生石灰岩缝中。海拔3200—3900米。



图1 川滇假复叶耳蕨 *Acrorumohra dissecta* Ching et Y. T. Hsieh



图2 全缘玉龙蕨 *Sorolepidium integrilobum* Ching ex Y. T. Hsieh